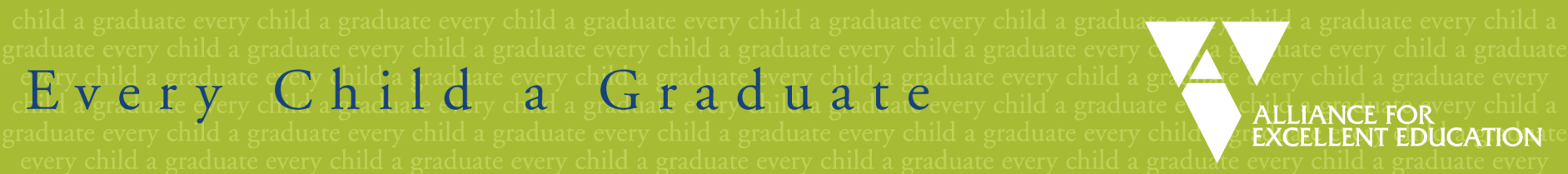


*NCSL EducationChairs
Denver, CO
November 11, 2011*

Identifying and Supporting Effective Digital Learning: National Efforts

**Chip Slaven, Senior Advocacy Associate
Alliance for Excellent Education**



Challenges in America's K-12 Education System

Three Looming Crises:

1. Declining State Fiscal Revenues
2. Mounting Teacher Shortages
3. Increased Global Demands for Skilled Workers



Challenges for Digital Learning

Three Questions to Consider:

- 1) Concerns of Teachers
- 2) Does it Work?
- 3) Is it cost effective?





What changes with ubiquitous access?

Opportunity...Provide Students With Access to Quality Learning



Improve access to courses that prepare students for college

Personalize instruction and make it more relevant

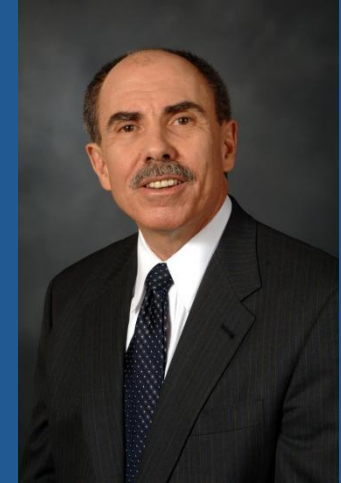
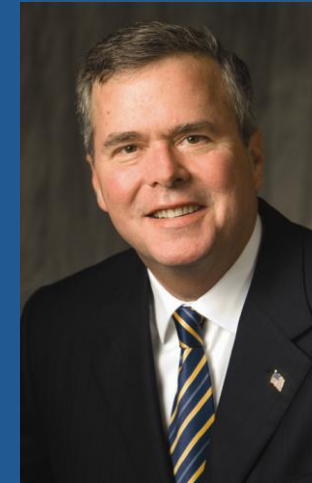


Digital Learning Council



Virtual Policy Development:

70 calls with more than 100 experts in different fields to define the roadmap for reform.



Experts in:

- Education
- Government
- Business
- Technology
- Philanthropy
- Policy Advocacy



10 Elements of High Quality Digital Learning



DIGITAL LEARNING NOW!

1. Student Eligibility

All students are digital learners.



2. Student Access

All students have access to high quality digital content and online courses.



3. Personalized Learning

All students can customize their education using digital content through an approved provider.



4. Advancement

Students progress based on demonstrated competency.



5. Content

Digital content, instructional materials, and online and blended learning courses are high quality.



6. Instruction

Digital instruction and online teachers are high quality.



7. Providers

All students have access to multiple high quality providers.



8. Assessment and Accountability

Student learning is the metric for evaluating the quality of content and instruction.



9. Funding

Funding creates incentives for performance, options and innovation.



10. Delivery

Infrastructure supports digital learning.



VALLEY HIGH SCHOOL LAS VEGAS, NEVADA

Results From Implementing Blended Learning

- 18 % improvement in graduation rate in five years
- Average daily attendance rate now 95%
- Met reading performance benchmarks for two consecutive years
- Over 90 students meet or exceed the standards
- Named a “High Achieving Exemplary Turnaround School.”

INDEPENDENCE HIGH SCHOOL CHARLOTTE, NORTH CAROLINA

Results From Implementing Blended Learning

- 63 students took English 1 and 14 took Algebra 1 online
- 100 % passed the online course
- All the Algebra students met the gateway standards
- 96% of the English students met the gateway standards
- Because of the summer online experience , these students began the 2010—2011 year on track for graduation with their cohort.

CARPE DIEM COLLEGIATE HIGH SCHOOL YUMA, ARIZONA

School Demographics

- 234 students
- 125 minority students—53% (mostly Hispanic)
- 129 students eligible for free or reduced lunch—55%

Student Proficiency Rate Comparison

- Yuma has a 57% rate of student proficiency or above
- Arizona has a 65% rate of student proficiency or above
- Carpe Diem has a 92% student proficiency rate or above

Per Pupil Costs (without facility costs)

- Arizona has a \$7608 cost per student (2008)
- The United States has a \$10,259 per student (2008)
- Carpe Diem has a \$5303 cost per student

Mooreville, North Carolina

Results From a Digital Conversion

- Devices for Each Student
- Professional Development, Digital Content
- Achievement increased 13% composite
- Dropouts decreased, college going rate increased
- Suspensions decreased 64%
- **Per Pupil Expenditure: 99 out of 115 in NC**

Wednesday, February 1, 2012

DIGITAL LEARNING DAY

www.DigitalLearningDay.org

hashtag: #DLDay

Chip Slaven

Alliance for Excellent Education

www.all4ed.org

